

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	13	Attorney Docket Number	0019240.00218US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
↓ N.C.	AA*	US-4,522,811	06-11-1985	Eppstein et al.	
	AB*	US-4,689,310	08-25-1987	Kramer et al.	
	AC*	US-4,716,122	12-29-1987	Scheefers et al.	
	AD*	US-5,241,084	08-31-1993	Teng et al.	
	AE*	US-5,374,548	12-20-1994	Caras	
	AF*	US-5,399,331	03-21-1995	Loughrey et al.	
	AG*	US-5,416,016	05-16-1995	Low et al.	
	AH*	US-5,466,829	11-14-1995	Park et al.	
	AI*	US-5,541,183	07-30-1996	Park et al.	
	AJ*	US-5,599,950	02-04-1997	Teng et al.	
	AK*	US-6,077,698	06-20-2000	Swan et al.	
	AL*	US-6,143,725	11-07-2000	Vasella et al.	
	AM*	US-2003/0031736	02-13-2003	Lichtblau et al.	
	AN*	US-6,551,629	04-22-2003	Gorsek	
	AO*	US-6,572,899	06-03-2003	Gorsek	
	AP*	US-6,590,109-A1	07-08-2003	Lichtblau et al.	
	AQ*	US-2003/0194370	10-16-2003	Stromgaard et al.	
	AR*	US-6,693,091-A1	02-17-2004	Stromgaard et al.	
	AS*	US-6,221,356	04-24-2001	Junsheng	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
↓ N.C.	BA	GB-2288599	10-25-1995	Cazaux et al.		
	BB	WO-2005/046829	05-26-2005	The Trustees of Columbia University in the City of New York		
	BC	WO-96/40164	12-19-1996	Emory University		
	BD	WO-05092324	10-06-2005	The Trustees of Columbia University		

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Ahlemeyer et al., "Inhibition of serum deprivation-and staurosporine-induced neuronal apoptosis by Ginkgo biloba extract and some of its constituents," European Journal of Pharmacology, Vol. 367, pp. 423-430 (1999)	
	CB	Ahlemeyer et al., "Pharmacological Studies Supporting the Therapeutic Use of Ginkgo biloba Extract for Alzheimer's Disease," Pharmacopsychiatry, Vol 36, Suppl. 1, pp. 58-S14 (2003)	
	CC	Arai et al., "Effects of a Memory-Enhancing Drug on DL- α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptor Currents and Synaptic Transmission in Hippocampus," The Journal of Pharmacology and Experimental Therapeutics, Vol 278, No 2, pp. 627-638 (1996)	
	CD	Arispe et al. "Alzheimer disease amyloid β protein forms calcium channels in bilayer membranes: Blockade by tromethamine and aluminum," Proc. Natl. Acad. Sci USA, Vol. 90, pp. 567-571, (January 1993)	
	CE	Barad et al., "Rolipram, a type IV-specific phosphodiesterase inhibitor, facilitates the establishment of long-lasting long-term potentiation and improves memory," Proc. Natl. Acad Sci USA, Vol. 95 pp. 15020-15025, (December 1998)	
	CF	Bastianetto et al., "The ginkgo biloba extract (EGb 761) protects hippocampal neurons against cell death induced by beta amyloid," European Journal of Neuroscience, Vol. 12, pp. 1882-1890 (2000)	
	CG	Bate et al, "Ginkgo B inhibits the neurotoxicity of prions or amyloid Beta 1-42," Journal of Neuroinflammation, Vol 1 (2004)	
	CH	BBC News, "Ginkgo does not treat Dementia," 2 pages (June 16, 2008)	
	CI	Bernet et al., "H-NMR Analysis of intra- and Intermolecular H-Bonds of Alcohols in DMSO: Chemical Shift of Hydroxy Groups and Aspects of Conformational Analysis of selected Monosaccharides, Inositols, and Ginkgolides," Helv. Chim. Acta., Vol. 83, pp. 995-1021 (2000)	
	CJ	Cai et al., "Neuronal Cyclic AMP Controls the Developmental Loss in Ability of Axons to Regenerate," The Journal of Neuroscience, Vol 21, pp. 4731-4739 (2001)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	3	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	N.C./CK	Camponovo et al., "Evaporative Light Scattering and Thermospray Mass Spectrometry: Two Alternative Methods for Detection and quantitative Liquid Chromatographic Determination of Ginkgolides and Bilobalide in Ginkgo biloba Leaf Extracts and phytopharmaceuticals," Phytochem. Anal., Vol 6, p. 141-148 (1995)	
	CL	Campos-Toimil et al., "Inhibition of Type 4 Phosphodiesterase by Rolipram and Ginkgo biloba Extract (EGb 761) Decreases Agonist-Induced Rises in Internal Calcium in Human Endothelial Cells," Arterioscler Thromb Vasc Biol, Vol 20, pp.e34-e40 (2000)	
	CM	Caughey et al., "Protofibrils, Pores, Fibrils, and Neurodegeneration: Separating the Responsible Protein Aggregates from the Innocent Bystanders," Annu. Rev. Neurosci, Vol. 26, pp. 267-98 (2003)	
	CN	Chandrasekaran et al., "Neuroprotective effects of bilobalide, a component of the Ginkgo biloba extract (EGb 761), in gerbil global brain ischemia," Brain Research, Vol. 922, pp. 282-292 (2001)	
	CO	Chatterjee et al., "Structures-activity Studies with Ginkgo biloba Extract Constituents as Receptor-gated Chloride Channel Blockers and Modulators," Pharmacopsychiatry, Vol 36, Suppl. 1, pp. S68-77 (2003)	
	CP	Chen et al., "Impairment of Hippocampal Long-Term Potentiation by Alzheimer Amyloid β -Peptides," J of Neurosci Res., Vol 60, pp. 65-72 (2000)	
	CQ	Choi et al., "Quantitative Analysis of Bilobalide and Ginkgolides from Ginkgo biloba Leaves and Ginkgo Products using H-NMR," Chem. Pharm. Bull., Vol. 51, No. 2, pp. 158-161 (2003)	
	CR	Clarke et al., "A one-hit model of cell death in inherited neuronal degenerations," Nature, Vol. 406, pp. 195-99 (2000)	
	CS	Corey and Cheng, "The Logic of Chemical Synthesis," John Wiley & Sons, pp. 89-91, pp. 221-226, New York. (1995)	
N.C./		Corey and Gavai, "Simple analogs of ginkgolide B which are highly active antagonists of platelet activating factor," Tetrahedron Lett., Vol. 30, pp. 6959-62 (1989)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	4	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
↓ /N.C./	CU	Corey et al., "A simple stereoselective synthesis of a tetracyclic C14 ginkgolide," Tetrahedron Lett., Vol 31, No 28, p. 3995-3998 (1990)	
	CV	Corey et al., "Enantioselective route to a key intermediate in the total synthesis of Ginkgolide B," Tetrahedron Letters, Vol 29, No. 26, pp. 3201-3204 (1988)	
	CW	Corey et al., "Enantioselective total Synthesis of Ginkgolide Derivatives Lacking the tert-butyl Group, an Essential Structural Subunit for Antagonism of Platelet Activating Factor," Tetrahedron Lett., Vol 32, p. 4623-4626 (1991)	
	CX	Corey et al., "Intramolecular and intermolecular hydroxyl reactivity differences in ginkgolides A, B and C and their chemical applications," Tetrahedron Lett., Vol 33, No. 46, pp. 6955-6958 (1992)	
	CY	Corey et al., "Total Synthesis of (±) -Ginkgolide B," J. Am. Chem. Soc., Vol 110, pp. 649-651 (1988)	
	CZ	Corey et al., "Total Synthesis of Ginkgolide A," Tetrahedron Lett, Vol 29, No. 26, pp. 3205-3206 (1988)	
	CA1	Crimmins et al., "Intramolecular Enon-Furan Photocycloadditions: Studies toward the synthesis of ginkgolides A and B," Tetrahedron Lett., Vol 30, No. 44, pp. 5997-6000 (1989)	
	CB1	Crimmins et al., "Total Synthesis of (±) Ginkgolide B," J. Am. Chem. Soc., Vol 121, pp. 10249-10250 (1999)	
	CC1	Dahlgren et al., "Oligomeric and Fibrillar Species of Amyloid-Beta Peptides Differentially Affect Neuronal Viability," J. Biol Chem, Vol. 277, No. 35, pp. 32046-53 (2002)	
	CD1	Darlington et al., "The Neuroprotective Properties of Ginkgo extracts," Plants Ind. Profiles, Vol. 12, pp. 331-344 (2000)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	5	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
N.C.	CE1	DeFeudis et al., "Ginkgo Biloba Extract (EGb 761) and CNS Functions: Basic Studies and Clinical Applications," Curr. Drug Targets, Vol 1, pp. 25-58 (2000)		
	CF1	Diagnostic and Statistical Manual of Mental Disorders (Fourth Edition) published by the American Psychiatric Association (1994)		
	CG1	Drieu et al., "History, Development and Constituents of EGb 761," Med. Arom. Plants Ind. Profiles, Vol 12, p. 267-277 (2000)		
	CH1	Eigen, "Prionics or the kinetic basis of prion diseases," Biophys. Chem., Vol. 63, pp. A1-18 (1996)		
	CI1	Franz et al., "Amyloid Beta 1-42 and tau in cerebrospinal fluid after severe traumatic brain injury," Neurology, Vol. 60, pp. 1457-61 (2004)		
	CJ1	Galardy et al., "Photoaffinity labeling of Peptide Hormone Binding Sites," J. Biol. Chem., Vol. 249, p. 3510-3518 (1974)		
	CK1	Ganzera et al., "Analysis of Terpenelactones in Ginkgo biloba by High Performance liquid Chromatography and Evaporative light scattering Detection," Chem. pharm. Bull, Vol 49, No. 9, p. 1170-1173 (2001)		
	CL1	Gong et al., "Alzheimer's disease-affected brain: Presence of oligomeric A Beta ligands (ADDLs) suggests a molecular basis for reversible memory loss," PNAS, Vol. 100, No. 18, pp. 10417-22 (2003)		
	CM1	Hu et al., "Alkyl and Alkoxy carbonyl Derivatives of Ginkgolide B: Synthesis and Biological Evaluation of PAF Inhibitory Activity," Bioorg. Medic Chem., Vol. 8, pp. 1515-21 (2000)		
	CN1	Hu et al., "Synthesis and Biological activity of Amide derivatives of ginkgolide A," J. Asian Nat. Prod. Res., Vol 3, pp. 219-227 (2001)		

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
-----------------------	----------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	6	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/N.C.	GO1	International Search Report PCT/US2005/009417 sent July 6, 2005	
	CP1	Janssens et al., "Protection of Mitochondrial Respiration Activity by Bilobalide," C. Biochem Pharmacol., Vol 58, pp.109-119 (1999)	
	CQ1	Jaracz et al., "Ginkgolides and Glycine Receptors: A structure-Activity Relationship Study," Chem Eur. J. Vol 9, pp. 1-13 (2003)	
	CR1	Jaracz et al., "Ginkgolides and Glycine Receptors: A structure-Activity Relationship Study," Chem. Eur. J., Vol 10, pp. 1507-1518 (2004)	
	CS1	Jaracz et al., "Ginkgolides: Selective Acetylations, translaconization, and biological Evaluation," J. Org. Chem, Vol. 67, pp. 4623-26 (2002)	
	CT1	Jaracz et al., "Isolation of the ginkgolides A,B,C, J and bilobalide from G. biloba extracts," Phytochemistry 65, pp. 2897-2902 (2004)	
	CU1	Jaracz et al., Cover Picture, Chem-A Europe J. Vol 10, p. 1303 (2004)	
	CV1	Jarrett et al., "Seeding "One-Dimensional Crystallization" of Amyloid: A Pathogenic Mechanism in Alzheimer's disease and Scrapie?," Cell., Vol 73, pp. 1055-58 (June 1993)	
	CW1	Jensen et al., "Liquid Chromatography - Atmospheric Pressure Chemical ionisation/Mass Spectrometry: A Rapid and Selective Method for the Quantitative Determination of Ginkgolides and Bilobalide in Ginkgo Leaf Extracts and Phytopharmaceuticals," Phytochem Anal., Vol 13, p. 31-38 (2002)	
/N.C.	CX1	Kauderer et al., "Capture of a protein synthesis-dependent component of long-term depression," PNAS, Vol 97, pp. 13342-13347, (November 2000)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	7	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/N.C./ ↓	CY1	Kondratskaya et al., "Inhibition of Hippocampal LTP by ginkgolide B is mediated by its blocking action on PAF rather than glycine receptors," Neurochemistry International, Vol 44, pp 171-177 (2004)	
	CZ1	Kourie, "Mechanisms of Amyloid Beta Protein-Induced Modification in Ion Transport Systems: Implications for Neurodegenerative Diseases," Cell. Mol. Neurobiol, Vol. 21, No. 3, pp. 173-213 (2001)	
	CA2	Lambri et al., "Specificity and sensitivity of β APP in head injury," Clin Neuropathol., Vol 20, No. 6, pp. 263-71 (2001)	
	CB2	Lemere et al., "Sequence of Deposition of Heterogeneous Amyloid β -Peptides and APO E in Down Syndrome: Implications for Initial Events in Amyloid Plaque Formation," Neurobiol. Dis, Vol. 3, pp. 16-32 (1996)	
	CC2	Li et al., "Liquid Chromatography-electrospray mass spectrometric studies of ginkgolides and bilobalide using simultaneous monitoring of proton, ammonium and sodium adducts," Analyst, Vol 127, p. 641-646 (2002)	
	CD2	Li et al., "Simultaneous determination of terpene lactones and flavonoid aglycones in Ginkgo biloba by high-performance liquid chromatography with evaporative light scattering detection," Journal of Pharmaceutical and biomedical Analysis, Vol 30, pp. 67-75 (2002)	
	CE2	Lichtblau et al., "Efficient Extraction of Ginkgolides and bilobalide from Ginkgo biloba Leaves," J. Nat. Prod., Vol. 65, pp. 1501-1504 (2002)	
	CF2	Lobstein-Guth et al., "Analysis of terpenes from Ginkgo biloba L. by high-performance liquid chromatography," Journal of Chromatography, Vol 267, pp. 431-438 (1983)	
CG2	Luo, "Ginkgo biloba neuroprotection: Therapeutic implications in Alzheimer's disease," J. Alzheimer's Dis, Vol 3, p. 401-407 (2001)		
/N.C./	CH2	MacIennan et al., "The CNS effects of Ginkgo biloba extracts and ginkgolide B", Prog. Neurobiol, Vol. 67, pp. 235-257 (2002)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	8	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CG2	MacLennan et al., "The effects of Ginkgolide B (BN52021) on Guinea pig vestibular nucleus neurons in vitro: importance of controlling for effects of dimethylsulphoxide (DMSO) vehicles," Neurosci. Res., Vol. 26, p. 395-399 (1996)	
	CJ2	Maruyama et al., "The Ginkgolides, Derivation of Partial Structures," Tetrahedron Lett., No. 4, pp. 303-8 (1967)	
	CK2	Mauri et al., "Liquid Chromatography/atmospheric pressure chemical ionization mass spectrometry of terpene lactones in plasma of volunteers dosed with ginkgo biloba L. extracts," Rapid Commun. Mass Spectrom., Vol 15, pp. 929-934 (2001)	
	CL2	Mauri et al., "Liquid Chromatography/electrospray Mass Spectrometry of Bioactive Terpenoids in Ginkgo biloba L.," J. Mass Spectrom., Vol. 34, p. 1361-1367 (1999)	
	CM2	McKenna et al., "Efficacy, safety, and use of ginkgo biloba in clinical and preclinical applications," Altern. Ther., Vol 7, pp. 70-86, pp. 88-90 (2001)	
	CN2	Morishima-Kawashima, "Alzheimer's Disease: β -amyloid Protein and Tau," Journal of Neuroscience Research, Vol. 70, pp. 392-401 (2002)	
	CO2	Nakadaira et al., "Photochemical Reactions of Non-enolizable α -Keto-esters Derived from Dehydroginkgolide A," J. Chem Soc. Chem Commun., pp.1469-1470 (1969)	
	CP2	Nakanishi et al., "Ginkgolides," Natural Products Chemistry, Academic Press Inc., Vol 1, pp. 295-300 (1974)	
	CQ2	Nakanishi et al., "Structure of Bilobalide, a Rare tert-Butyl Containing Sesquiterpene Related to the C20-Ginkgolides," J. Am. Chem. Soc., Vol. 93, pp. 3544-3546 (1971)	
CR2	NCCAM Ginkgo datasheet, "Ginkgo", 2 pages, created September 2005, Updated March 2008		

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	9	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
↓	CS2	Nicolaou et al., "Ginkgolides B," Classic in Total Synthesis, Chapter 25, pp. 451-464, VCH, Weinheim, (1996)	
	CT2	Perutz and Windle, "Cause of neural death in neurodegenerative diseases attributable to expansion of glutamine repeats," Nature, Vol 412, pp. 143-44 (July 2001)	
	CU2	Ross, "Polyglutamine Pathogenesis: Emergence of Unifying Mechanisms for Huntington's Disease and related Disorders," Neuron, Vol. 35, pp. 819-22 (August 2002)	
	CV2	Roumestand et al., "Proton and Carbon-13 NMR of Ginkgolides," Tetrahedron, Vol 45, No 7, p. 1975-1983 (1989)	
	CW2	Scherzinger et al., "Huntingtin-Encoded Polyglutamine Expansions Form Amyloid Protein Aggregates in Vitro and In Vivo," Cell, Vol. 90, pp. 549-58 (August 1997)	
	CX2	Scholtyssek et al., "Antioxidative activity of ginkgolides against superoxide in an aprotic environment," Chemico-Biological Interactions, Vol. 106, pp. 183-190 (1997)	
	CY2	Sloley et al., "Quality Control Analyses for Ginkgo Extracts Require Analysis of intact Flavonol Glycosides," Journal of Food and Drug Analysis, Vol. 11, No 2, pp. 102-107 (2003)	
	CZ2	Solomon et al., "Ginkgo for Memory Enhancement: A Randomized Controlled Trial," JAMA, 228: 835-840 (2002)	
	CA3	Son et al., "The Specific Role of cGMP in Hippocampal LTP," Learn Mem, Vol 5, pp. 231-45 (1998)	
	CB3	Staubli et al., "Facilitation of Glutamate receptors enhances memory," Proc. Natl. Acad. Sci, Vol. 91, pp. 777-781 (January 1994)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	10	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CD3	Stine et al., "In Vitro Characterization of Conditions for Amyloid-Beta Peptide Oligomerization and Fibrillogenesis," J. Biol Chem, Vol. 278, No. 13, pp. 11612-22 (2003)		
	CD3	Strejan et al., "Suppression of Chronic-Relapsing Experimental Allergic Encephalomyelitis in Strain-13 Guinea Pigs by Administration of Liposome-Associated Myelin Basic Protein," Journal of Neuroimmunol, Vol 7, pp. 27-41(1984/85)		
	CE3	Stromgaard et al., "Chemistry and Biology of Terpene Triactones from Ginkgo Biloba," Angew. Chem. Int, Vol 43, pp. 1640-1658 (2004)		
	CF3	Taylor et al., "Toxic Proteins in Neurodegenerative Disease," Science, Vol. 296, pp. 1991-5 (2002)		
	CG3	Teng et al., "Conversion of ginkgolide C to ginkgolide B," Chem. Abstr., Vol 124, No 117659 (1995)		
	CH3	The Science and Practice of Pharmacy 20th ed. A.R. Gennaro AR., Lippincott Williams & Wilkins (2000)		
	CI3	Tully et al., "Targeting the creb pathway for memory enhancers," Nature Reviews, Vol 2, pp. 267-277 (2003)		
	CJ3	Turner et al., "Roles of amyloid precursor protein and its fragments in regulating neural activity, plasticity and memory," Prog Neurobiol., Vol. 70, pp. 1-32 (2003)		
	CK3	Van Beek et al., "Determination of ginkgolides and bilobalide in Ginkgo biloba leaves and phytopharmaceuticals," J. Chromatogr., Vol. 543, p. 375-387 (1991)		
	CL3	Van Beek et al., "Preparative Isolation and Separation Procedure for Ginkgolides A,B,C and J and Bilobalide," J. Nat. Prod, Vol. 60, pp. 735-738 (1997)		

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	11	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CM3	Van Beek et al., "Quantitation of Bilobalide and Ginkgolides A, B, C and J by means of Nuclear Magnetic Resonance Spectroscopy," Phytochem. Anal., Vol 4, p. 261-268 (1993)	
	CN3	Van Beek et al., "Sample Preparation of Standardized Extract of Ginkgo biloba by Supercritical Fluid Extraction," Phytochem. Anal. Vol. 7, pp. 185-191 (1996)	
	CO3	Van Beek et al., "Thin Layer Chromatography of Bilobalide and Ginkgolides A, B, C and J on Sodium Acetate Impregnated Silica Gel," Phytochem. Anal., Vol. 4, p. 109-114 (1993)	
	CP3	Van Leuven, "Single and multiple transgenic mice as models for Alzheimer's disease," Prog Neurobiol, Vol. 61, pp. 305-12 (2000)	
	CQ3	Vasella et al., "Preparation of Glycosylated ginkgolides via glycosidation of glucosyl diastirines," Chem Abstr., Vol 130, p. 38639 (1999)	
	CR3	Vitolo et al., "Amyloid Beta-peptide inhibition of the PKA/CREB pathway and long-term potentiation: Reversibility by drugs that enhance cAMP signaling," PNAS, Vol. 99, No. 20, pp. 13217-21 (2002)	
	CS3	Vogensen et al., "Preparation of 7-Substituted Ginkgolide Derivatives: Potent Platelet Activating Factor (PAF) Receptor Antagonists," J. Med Chem., Vol. 46, pp. 601-8 (2003)	
	CT3	Wang et al., "Rapid Analysis of Terpene Lactones in Extract of Ginkgo biloba L. by High Performance Liquid Chromatography," Chin. J. Chrom., Vol 18, pp. 394-397 (2000)	
	CU3	Weber et al., "Glycosylidene Carbenes. Glycosidation of Ginkgolides A and B," Helv. Chim. Acta., Vol 80, p. 2352-2367 (1997)	
	CV3	Weinges et al., "Isolierung und strukturaufklarung eines neuen Ginkgolids," Liebigs Ann. Chem., pp. 521-526 (1987) (ENGLISH ABSTRACT)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
-----------------------	----------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	12	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	SW3	Weinges et al., "10-Acetyl-1-methoxycarbonyl-2,3,14,15,16-pentanorginkgolid A, ein Zwischenprodukt zur Herstellung von Bilobalid," Liebigs Ann. Chem, pp. 1057-1066 (1986) - (ENGLISH ABSTRACT)	
	CX3	Weinges et al., "Bilobalid/iso-Bilobalid - Strukturbeweis durch Rontgenbeugung," Liebigs Ann. Chem., pp. 1079-1085 (1987) - (ENGLISH ABSTRACT)	
	CY3	Weinges et al., "Chemistry of the Ginkgolides. Part 10: Access to 14C-Labelled Ginkgolide A," Tetrahedron, Vol 56, pp. 3173-3176 (2000)	
	CZ3	Weinges et al., "Herstellung von 1,10-Dihydroxy-und 1,7,10-Trihydroxyginkgolid aus 1,3,7,10-Tetrahydroxyginkgolid," Liebigs Ann. Chem., pp. 1023-1027 (1993) - (ENGLISH ABSTRACT)	
	CA4	Weinges et al., "Herstellung von Ginkgolid B aus Ginkgolid C, Liebigs Ann. Chem. pp. 81-83, (1991) - (ENGLISH ABSTRACT)	
	CB4	Weinges et al., "On the preparation of the Ginkgolide Skeleton," Liebigs Ann. Chem., pp. 287-291 (1993)	
	CC4	Weinges et al., "Ozonolysis of (10R)-10-Acetoxy-3,14-didehydroginkgolide," Ann. Chem., pp. 1755-1756 (1997)	
	CD4	Weinges et al., "Preparation and Crystal Structure Analysis of a Secondary Ozonide from Ginkgolide A," Liebigs Ann. Recueil, pp. 991-993 (1997)	
	CE4	Weinges et al., "Synthesis and Crystal Structure of a Dimeric 14,15,16-Trinorginkgolide Derivative," Ann Chem., pp. 1607-1609 (1997)	
N.C.	CF4	Wong et al., "Genetically engineered mouse models of neurodegenerative diseases," Nat. Neurosci, Vol. 5, No. 7, pp. 633-39 (2002)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
--------------------	----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/593,427-Conf. #9595
				Filing Date	September 19, 2006
				First Named Inventor	Ottavio V. VITOLO
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	13	of	13	Attorney Docket Number	0019240.00218US2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/N.C.	GG4	Woods et al., "The Ginkgolides. Some aspects of their NMR Spectra," Tetrahedron letters No 4, pp. 321-326 (1967)	
/N.C.	CH4	Zekri et al., "Ionization Constants of Ginkgolide B in Aqueous Solution," Anal. Chem., Vol. 68, No 15, pp. 2598-2604 (1996)	
/N.C.	4	Zhao et al, " Three ginkgolide hydrates from Ginkgo biloba L.: ginkgolide A monohydrate, ginkgolide C sesquihydrate and ginkgolide J dihydrate, all determined at 120 K," Acta Crystal. C58, pp o195-o198 (2002)	

Examiner Signature	/Nizal Chandrakumar/	Date Considered	08/10/2010
-----------------------	----------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.